



Docket No. 66195/JPW/AJM/NFM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Tae Wan Kim and Kwang Mook Jung

Serial No.: 10/623,442

Filed : July 18, 2003

For : CD44 RELATED FRAGMENTS, COMPOSITIONS AND METHODS

1185 Avenue of the Americas
New York, New York 10036
October 20, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicants would like to direct the Examiner's attention to the following documents which are listed on Form PTO-1449 (**Exhibit A**) and are also listed below. Copies of the documents listed below as references 1-8 are attached hereto as **Exhibits 1-8**, respectively.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b)(3) before the mailing of a first Office Action on the merits. Thus, this Information Disclosure Statement should be entered and considered.

1. Herrlich, P., et al. (2000) CD44 Acts Both as a Growth- and Invasiveness-Promoting Molecule and as a Tumor-Suppressing Cofactor, *Ann. NY Acad. Sci.* 910:106-118 (**Exhibit 1**);
2. Kajita, M., et al. (2001) Membrane-type 1 Matrix

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Metalloproteinase Cleaves CD44 AND Promotes Cell Migration, *J. Cell. Biol.* 153:893-904 (**Exhibit 2**);

3. Lee, H.-J., et al. (2002) Presenilin-dependent γ -Secretase-like Intramembrane Cleavage of ErbB4, *J. Biol. Chem.* 277:6318-6323 (**Exhibit 3**);
4. Morrison, H., et al. (2001) The NF2 tumor suppressor gene product, merlin, mediates contact inhibition of growth through interactions with CD44, *Genes and Development* 15:968-980 (**Exhibit 4**);
5. Rattan, S.I.S., et al. (1992) Protein Synthesis, Posttranslational Modifications, and Aging, *Ann. N.Y. Acad. Sci.* 663:48-62 (**Exhibit 5**);
6. Seifter, S., et al. (1990) Analysis for Protein Modifications and Nonprotein Cofactors, *Meth. Enzymol.* 182:626-646 (**Exhibit 6**);
7. Seiffert, D., et al. (2000) Presenilin-1 and -2 Are Molecular Targets for γ -Secretase Inhibitors, *J. Biol. Chem.* 275:34086-34091 (**Exhibit 7**); and
8. Wold, F. (1983) Posttranslational Protein Modifications: Perspectives and Prospectives, *Academic Press, New York*, 1-12 (**Exhibit 8**).

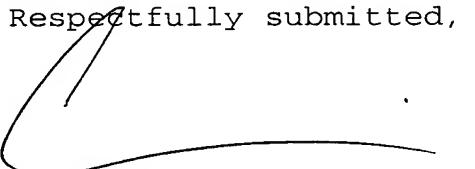
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Applicants request that the Examiner review the references and make them of record in the subject application.

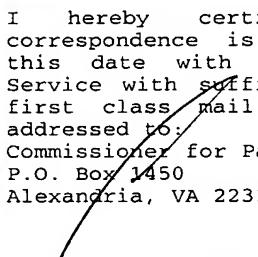
If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorneys invite the Examiner to telephone them at the number provided below.

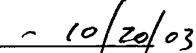
No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,


John P. White
Registration No. 28,678
Alan J. Morrison
Registration No. 37,399
Attorneys for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:
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Alexandria, VA 22313-1450


Alan J. Morrison
Reg. No. 37,399


Date
10/20/03

| Form PTO-1449 | | U.S. Department of Commerce Patent and Trademark Office | | | | Atty. Docket No. 66195/JPW/AJM/NFM | Serial No. 10/623,442 |
|---|--|--|------|---------|-------|---------------------------------------|----------------------------|
| | | INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Applicants: Tae Wan Kim et al. | |
| | | | | | | Filing Date July 18, 2003 | Group |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | Herrlich, P., et al. (2000) CD44 Acts Both as a Growth- and Invasiveness-Promoting Molecule and as a Tumor-Suppressing Cofactor, <i>Ann. NY Acad. Sci.</i> 910:106-118 (Exhibit 1); | | | | | |
| | | Kajita, M., et al. (2001) Membrane-type 1 Matrix Metalloproteinase Cleaves CD44 AND Promotes Cell Migration, <i>J. Cell. Biol.</i> 153:893-904 (Exhibit 2); | | | | | |
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| | | Wold, F. (1983) Posttranslational Protein Modifications: Perspectives and Prospectives, <i>Academic Press, New York</i> , 1-12 (Exhibit 8). | | | | | |
| EXAMINER | | DATE CONSIDERED | | | | | |

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Exhibit A